

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	26	("20020003774"   "20020064214"   "20020184453"   "20020191535"   "20030012308"   "20030128656"   "20040071104"   "20040160987"   "20040203853"   "5818813"   "5973638"   "6097771"   "6115354"   "6141542"   "6317612"   "6345036"   "6492942"   "6545997"   "6597682"   "6728233"   "6785513"   "6990059"   "6992972"   "7009931"   "7068628"   "7492737").FN.	US- PGPUB; USPAT	ADJ	ON	2010/11/01 08:14
L2	174	370/328,334,337,338.ccls. and MIMO.bsum. and spatial with multiplex\$	US- PGPUB; USPAT	ADJ	ON	2010/11/01 08:15
L3	174	L2	US- PGPUB; USPAT	ADJ	ON	2010/11/01 08:15
L4	18	spatial with (multiplex\$ or process\$4) same (steer\$ or vector or beamform\$4) same MIMO and 375/260-267.ccls. and @AD<="20031023"	US- PGPUB; USPAT	ADJ	ON	2010/11/01 08:15
L5	18	L4	US- PGPUB; USPAT	ADJ	ON	2010/11/01 08:15
L6	29	MIMo same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modulat\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 375/260-267.ccls. and @AD<="20031023"	US- PGPUB; USPAT	ADJ	ON	2010/11/01 08:15

L7	36	MIMO same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modul\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 370/208-210.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:15
L8	51	MIMO same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modul\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 375/345,347-348.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:16
L9	15	spatial with (multiplex\$) same (steer\$ or vector or beamform\$4) same MIMO and 370/208-210.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:16
L10	60	spatial with (multiplex\$ or process\$4) same (steer\$ or vector or beamform\$4) same MIMO and 370/328,334,337-338.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:16
L11	72	L9 or L10	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:16
L12	186	((J) near2 (WALTON)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:17
L13	168	((JOHN) near2 (KETCHUM)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:17
L14	278	((MARK) near2 (WALLACE)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:17
L15	337	((STEVEN) near2 (HOWARD)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:17
L16	157	(L12 or L13 or L14 or L15) and MIMO same spatial with multiplex\$	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:17

L17	55	(L12 or L13 or L14 or L15) and MIMO same spatial with multipl\$ and @AD<="20031030"	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:17
L18	19	(L12 or L13 or L14 or L15) and MIMO same spatial with multipl\$ same steer\$4 and @AD<="20031030"	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:18
L19	21	MIMO same spatial with multipl\$ same steer\$4 and @AD<="20031030"	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:18
L25	4	I1 and (steer\$4 or beamform\$4)	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:21
L26	6	I1 and mimo	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:21
L27	0	I1 and (steer\$4 or beamform\$4) and Mimo	US-PGPUB; USPAT	ADJ	ON	2010/11/01 08:22

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	21	MIMO same spatial with multipl\$ same steer\$4 and @AD<="20031030"	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/11/01 08:18
L21	30	spatial with (multiplex\$) same (steer\$ or vector or beamform\$4) same MIMO same (cod\$3 or modulat\$) same estimat\$4 with (channel or symbol or streams or data)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/11/01 08:19
L22	23	spatial (multiplex\$) same (steer\$ or vector or beamform\$4) same MIMO same (cod\$3 or modulat\$) same estimat\$4 with (channel or symbol or streams or data)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/11/01 08:19
L23	307	spatial near2 (multiplex\$) same (steer\$ or vector or beamform\$4) same MIMO	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/11/01 08:19
L24	100	spatial near2 (multiplex\$) same (steer\$ or vector or beamform\$4) same MIMO same (cod\$4 or modulat\$ ) with (symbols or stream or antenna)	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/11/01 08:20

**11/ 1/ 2010 8:23:02 AM**

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